

## Certified Validation Report: Provided by Validator

### Audit Information:

Water Supplier Name: **City of Santa Monica** PWS ID: CA1910146

System Type: **Potable** Audit Period: **Calendar 2020**

Utility Representation: **Ralph Valencia**

Validation Date: **September 20<sup>th</sup>, 2021** Meeting Time: **11 AM** Sufficient Supporting Documents Provided: **Yes**

### Validation Findings & Confirmation Statement:

#### Key Audit Metrics:

Data Validity Score: **68** Data Validity Band (Level): **Band III**

ILI: **-0.12** Real Loss: **-1.86 gallons/connection/day** Apparent Loss: **4.80 gallons/connection/day**

Non-revenue water as percent of cost of operating system: **1.1 %**

#### Certification Statement by Validator:

This water loss audit report has been Level 1 validated per the requirements of California Code of Regulations Title 23, Division 2, Chapter 7 and the California Water Code Section 10608.34.

All recommendations on volume derivation and Data Validity Grades were incorporated into the water audit. ☒

*If not, rejected recommendations are included here.*

#### Validator Information:

Water Audit Validator : **Tanmay Thakur** Qualifications: **Water Audit Validator Certificate issued by the CA-NV Section of the AWWA**

Validator Provided

## Certified Validation Report Template, Part B: Provided by Utility

**Water Supplier Name:** City of Santa Monica      **Water Supplier ID Number:** CA1910146      **Water Audit Period:** Calendar 2020

### Water Audit & Water Loss Improvement Steps:

Utility to provide steps taken in preceding year to increase data validity, reduce real loss and apparent loss as informed by the annual validated water audit:

1. The SCADA analyst is requested to look into the flow balance of the system. The water into the Arcadia treatment plan is verified using flow meter at the inlet and the outlet. Inlet and outlet flow number were close enough after verification.
2. Better location accuracy for Nodes on the GIS system was implemented.
3. Ongoing pilot for AMI in place.
4. Unbilled meter consumption is tracked on contractor bases. Flat rate plus consumption charged.

### Certification Statement by Utility Executive:

This water loss audit report meets the requirements of California Code of Regulations Title 23, Division 2, Chapter 7 and the California Water Code Section 10608.34 and has been prepared in accordance with the method adopted by the American Water Works Association, as contained in their manual, *Water Audit and Loss Control Programs, Manual M36, Fourth Edition* and in the Free Water Audit Software version 5.

Executive Name (Print)


Executive Position

Signature

Date

Sunny Wang

Water Resources Manager



9/27/2021

Utility Provided